AMENDMENT UNDER 37 C.F.R. § 1.116   *ATTORNEY DOCKET NO. A7949*
U. S. Application No. 09/921,595

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A data management method, comprising:

providing a data engine;

obtaining a first observation automatically recorded by a data sampling device, and a second observation manually recorded by a user, wherein said first and said second observations ~~defining~~ define a plurality of different observations, and wherein said plurality of different observations ~~relating~~ relate to data of an identical subject and are not obtained in response to a query;

sending said plurality of different observations to said data engine;

storing said plurality of different observations in a database under control of said data engine; and

in response to a report request:

retrieving said plurality of different observations from said database in accordance with parameters in said report request to provide a plurality of retrieved observations; and

producing a report based on said plurality of retrieved observations.

2. (previously presented): A clinical trial data management server method, comprising:

receiving, at a server, a user profile provided by a client;

based on said user profile, indicating to said client one or more matching clinical trials;

receiving a clinical trial selection from said client;

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providing to said client a selected clinical trial module, indicated by said clinical trial

selection and corresponding to a selected one of said matching clinical trials, said module being

adapted to obtain clinical trial data including a respective data observation;

receiving, at said server, said respective data observation;

storing said respective data observation in a database of data observations; and

in response to a report request:

retrieving selected ones of said data observations from said database in accordance with

parameters in said report request to provide a plurality of retrieved observations; and

producing a report based on said plurality of retrieved observations.

3. (canceled):

4. (previously presented): The clinical trial data management server method as set forth

in claim 2, wherein said clinical trial data is provided to said server by a data sampling device.

5. (previously presented): The clinical trial data management server method as set forth

in claim 2, wherein said clinical trial data is provided to said server over the Internet.

6. (previously presented): The clinical trial data management server method as set forth

in claim 2, wherein said clinical trial data is provided to said server by a general-purpose

computing device having said clinical trial data manually inputted by a user.

7. (original): The clinical trial data management server method as set forth in claim 6,

wherein said general-purpose computing device is one of: a personal computer, a handheld

computing device, and a telephone.

8. (previously presented): The clinical trial data management server method as set forth

in claim 2, wherein:

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said server includes a data engine;

said server comprises a plurality of modules, including said selected clinical trial module,

a health data management module, and a clinical trials management module;

said health data management module comprises data analysis algorithms used by said

data engine to analyze said clinical trial data; and

said clinical trials management module:

selects said one or more matching clinical trials, based on said user profile;

provides an approval of said clinical trial selection; and

provides said selected clinical trial module.

9. (original) The clinical trial data management server method as set forth in claim 8,

wherein said clinical trials management module performs said selecting of said one or more

matching clinical trials by comparing said received user profile with clinical trials profiles stored

in a clinical trials database.

10. (original) The clinical trial data management server method as set forth in claim 8,

wherein said health data management module comprises data analysis algorithms and is adapted

to accept data for one or more of: cardiology data, diabetes data, allergy data, and immunology

data.

11. (original) The clinical trial data management server method as set forth in claim 8,

wherein said health data management module is adapted to send analyzed data to said client, said

analyzed data comprising one or more of: a data display, complex data charting, and trend

identification.

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12. (original) The clinical trial data management server method as set forth in claim 11, wherein said complex data charting comprises mathematical EKG pattern analysis.

13. (original) The clinical trial data management server method as set forth in claim 11, wherein said trend identification is based on a plurality of said data observations from a plurality of different medical devices.

14. (previously presented): A clinical trial data server, comprising;

a data engine receiving a user profile provided by a client;

clinical trials management module for analyzing said user profile and indicating to said client one or more matching clinical trials;

one or more clinical trial modules adapted to obtain clinical trial data, including respective data observations;

said clinical trials management module providing to said client a selected one of said one or more clinical trial modules, indicated by a clinical trial selection, and corresponding to a selected one of said matching clinical trials.

15. (previously presented): The clinical trial data server as set forth in claim 14, further comprising a health data management module receiving said respective data observations and said data engine storing said respective data observations in a database of data observations.

16. (previously presented): The clinical trial data server as set forth in claim 15, wherein said data engine is adapted to receive said clinical trial data from a data sampling device.

17. (previously presented): The clinical trial data server as set forth in claim 15, wherein said respective data observations are received over the Internet.

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18. (previously presented): The clinical trial data server as set forth in claim 15, wherein said respective data observations are received from a general-purpose computing device.

19. (original) The clinical trial data server as set forth in claim 18, wherein said general-purpose computing device is one of: a personal computer, a handheld computing device, and a telephone.

20. (original) The clinical trial data server as set forth in claim 15, wherein:

said health data management module comprises data analysis algorithms used by said data engine to analyze said clinical trial data; and

said clinical trials management module:

selects said one or more matching clinical trials, based on said user profile;

provides an approval of said clinical trial selection; and

provides said selected clinical trial module.

21. (original) The clinical trial data server as set forth in claim 20, wherein said clinical trials management module performs said selecting of said one or more matching clinical trials by comparing said received user profile with clinical trials profiles stored in a clinical trials database.

22. (original) The clinical trial data server as set forth in claim 20, wherein said health data management module comprises data analysis algorithms and is adapted to accept data for one or more of: cardiology data, diabetes data, allergy data, and immunology data.

23. (original) The clinical trial data server as set forth in claim 20, wherein said health data management module is adapted to send analyzed data to said client, said analyzed data comprising one or more of: a data display, complex data charting, and trend identification.

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24. (original) The clinical trial data server as set forth in claim 23, wherein said complex data charting comprises mathematical EKG pattern analysis.

25. (previously presented): The clinical trial data server as set forth in claim 23, wherein said trend identification is based on a plurality of said data observations from a plurality of different data sampling devices.

26. (previously presented): A clinical trial client for use on a computer, comprising:

a module for sending a user profile to a clinical trial data server;

a module for receiving from said clinical trial data server an indication of one or more matching clinical trials;

a module for accepting a user selection of one of said one or more matching clinical trials, and sending to said clinical trial data server a clinical trial selection; and

a module for receiving and installing a selected clinical trial module corresponding to said clinical trial selection, the selected clinical trial module being adapted to obtain clinical trial data, including a respective data observation, from a clinical trial subject.

27. (previously presented): The clinical trial client as set forth in claim 26, further comprising a module for sending said clinical trial data to said clinical trial data server.

Claims 28-34 are canceled.

35. (previously presented): A method of providing a data management server, comprising:

providing a data engine for controlling storage of a plurality of different observations in a database;

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providing a plurality of modules adapted to communicate said plurality of different

observations to said data engine;

selecting from said plurality of modules those necessary to handle processing at the

server for:

clients that provide an observation, relating to a given subject, to the server via a web

browser, and

clients that provide an observation, relating to the given subject, to the server from a data

sampling device;

providing a reporting module adapted to interact with said data engine to generate a

report based on selected ones of the plurality of different observations; and

combining said data engine, said selected ones of said plurality of modules, and said

reporting module to provide said data management server.

36. (previously presented): The method of providing a data management server as set

forth in claim 35, wherein the selected ones of the plurality of modules include a module adapted

to handle processing at the server for clients that provide an observation, relating to the given

subject, from a remote data source comprising a database.

37. (previously presented): The data management method as set forth in claim 1, further

comprising providing a plurality of modules for interacting with said data engine, including a

first module obtaining the first observation from the data sampling device and a second module

obtaining the second observation from the user.

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38. (previously presented): The data management method as set forth in claim 37,

wherein the second module interacts with a data input device other than the data sampling

device.

39. (previously presented): The data management method as set forth in claim 1, further

comprising obtaining from a remote data source a third observation relating to said subject, the

remote data source being a remote database.

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